



Environmental Product Declaration

Product	Device type	Electromechanical actuator, type SQK
	Designation	SQK34.00, SQK34.00S, SQK349.00, SQK84.00
	Product range	Valves and actuators

Process control	Siemens AB		
	SE-141 87 Huddinge		
	Management system certified	Since	by
	ISO 14001 (environment)	31 Oct. 1996	SIS
		(1 Sept. 2002	SEMKO-DEKRA)
	23 Nov. 1988	SIS	
	(1 Sept. 2002	SEMKO-DEKRA)	

Product use	Typical energy consumption per year	SQK34 appr. 2,6 kWh at 10% duty cycle SQK84 appr. 1,8 kWh at 10% duty cycle
	Maintenance	Maintenance free
	Environmental benefits	RoHS compliant see notes on page 2

Environmental risk (fire)

Fire protection as per

EN 60730-1 and EN 60730-2-14

SQK34

Fire load [MJ]

.00	.00S	9.00
10	10	14

SQK84

Fire load [MJ]

.00
10

Parts containing halogens
(result in corrosive smoke)

**Printed circuit board
Cables**

Packaging

Actuator

SQK34

Cardboard [g]

Printed paper [g]

.00	.00S	9.00
50	50	41
0	5	0

SQK84

Cardboard [g]

Printed paper [g]

.00
50
5


Notes on disposal

Can be recycled

Materials [g]	Actuator	SQK34		
		.00	.00S	9.00
	Total weight of device*	418	462	427
Plastics	Polyethylene PE	2	2	4
	Polyamid PA	23	23	23
	ABS-polycarbonate blend PC-ABS	64	64	64
	Polybutylenterphthalat PBT	182	182	182
	Polyoxymethylene POM	33	33	35
Metals	Alloyed copper Cu-X	1	28	1
	Non alloyed steels Fe-C	21	73	22
	High alloy steel Fe-Cr-Ni	12	12	15
	Zinc alloy Zn-X	0	23	0
Other materials	Grease	1	1	1
External products	Motor, contains less than 20g Cu	60	60	60
Circuit boards with components	Total weight/	22/	22/	22/
	CEM-1 board contains halogens	9	9	9

Actuator		SQK84
		.00
	Total weight of device*	418
Plastics	Polyethylene PE	2
	Polyamid PA	23
	ABS-polycarbonate blend PC-ABS	64
	Polybutylenterphthalat PBT	182
	Polyoxymethylene POM	33
	Polyvinylchlorid PVC	0
	Metals	Non alloyed copper Cu
Alloyed copper Cu-X		1
Non alloyed steels Fe-C		21
High alloy steel Fe-Cr-Ni		12
Zinc alloy Zn-X		0
Other materials	Grease	1
External products	Motor, contains less than 20g Cu and less than 0,4g Pb	62
Circuit boards with components	Total weight/	20/
	CEM-1 board contains halogens	10

*The total weight includes even substances under 0.1% of the total weight that are not declared separately.

	<p>Disposal</p> <p>Do not dispose of the device as part of standard household garbage, but as special waste from electrical and electronic components. This particularly applies to electronic circuit boards.</p> <p>Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.</p> <p>Observe all local and applicable laws!</p>
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Environmental benefits:

The actuator reduces consumption of energy due to switch off in the end positions.

Legal disclaimer: This declaration is for information purposes only

This environmental product declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens Building Technologies Ltd. therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

If you require further information on environmental aspects and disposal, contact your local Siemens branch office.